

ServerOptions is *optional*. If present, the opt and opt val tokens describe X server ServerOptions that are specific to this master and will be propagated to all of the master's slaves.

ScreenOptions is *optional*. If present, the opt and opt val tokens describe X server

- 5 ScreenOptions that are specific to this master and will be propagated to all of the master's slaves.

Environment is *optional*. If present, the var=val tokens list environment variables that will be set prior to starting the master and will be propagated to all of the master's slaves.

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Configuration Examples

To further illustrate various concepts of the invention, the following sets forth several examples.

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1x3, non-Scalable, No Options

In this example, a 1x3 SLS/d configuration is established (see FIG. 26) using hpmast for the Master and hpslave1, hpslave2, and hpslave3 for the slaves. All slaves can use /dev/crt as their graphics devices and no other options are required.

20

hpmast:/etc/X11/X0screens

SLSD
25 hpslave1
hpslave2
hpslave3

SlaveLayout
Rows 1
30 Columns 3

1x3, non-Scalable

In this example, a 1x3 SLS/d configuration is established using hpmast for the Master and hpslave1, hpslave2, and hpslave3 for the slaves. A big cursor is used, all DLEs must be loaded immediately on all slaves, set the default resolution to 1024x768, set the default visual to DirectColor 24, and the slaves will have the following requirements:

hpslave1 must use /dev/crt2 and must have the environment variable OGLD_RUN_FAST set to 3.

hpslave2 must have the screen option HpThisIsABogusOptionSoItDoesntConfusePaul set.

hpslave3 has no specific requirements. The configuration file may be as follows:

```
10      hpmast:/etc/X11/X0screens

15      ServerOptions
20          HpCursorScaleFactor 2

25      Slave
        Hostname    hpslave1
        Device      /dev/crt2
        Environment OGLD_RUN_FAST=3
      End

30      Slave
        Hostname    hpslave2
        ScreenOptions
        HpThisIsABogusOptionSoItDoesntConfusePaul
      End

35      SLSd
        hpslave1
        hpslave2
        hpslave3

40      SlaveLayout
        Rows 1
        Columns 3

        SlaveServerOptions ImmediateLoadDles

45      SlaveMonitorConf
```

```

Width      1024
Height     768

5          DefaultVisual
           Class      DirectColor
           Depth      24

```

2x2, non-Scalable, Use Private Fast Lan

10 In this example, a 2x2 SLS/d configuration is established (See FIG. 27) using
hpmaster for the Master and hpslave1, hpslave2, hpslave3, and hpslave4 for the slaves. All
slaves can use /dev/crt as their graphics devices and no other options are required. The
configuration file may be as follows:

```

15      hpmaster:/etc/X11/X0screens

        Slave
          Hostname   hpslave1
          FastLanAddr 192.1.0.1
          FastLanType  Private
20        End

        Slave
          Hostname   hpslave2
          FastLanAddr 192.1.0.2
          FastLanType  Private
25        End

        Slave
          Hostname   hpslave3
          FastLanAddr 192.1.0.3
          FastLanType  Private
30        End

        Slave
          Hostname   hpslave4
          FastLanAddr 192.1.0.4
          FastLanType  Private
35        End

40      SLSd
          hpslave1 hpslave2
          hpslave3 hpslave4

45      SlaveLayout
          Rows 2
          Columns 2

```